

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	("3291753"   "3433680"   "4460660"   "4767518"   "5021304").PN. OR ("5500307").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 14:52
L5	5	("3431146"   "4567117"   "4925745").PN. OR ("5688609").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 14:59
L6	1	09/320099	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:00
L7	5	("5312582"   "5474800"   "5656387").PN. OR ("6180277").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:00
L8	1	ZANIBELLI AND NI/YSZ	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:02
L11	1	"5261944".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:02
L12	10	("5261944").URPN.	USPAT	OR	ON	2007/08/22 15:02
L13	9	("4894297"   "5516597").PN. OR ("6214485").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:13
L14	1	09/408617	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 15:23
L15	208546	(CH4! METHANE "CH.SUB.4")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:23
L16	458203	CO2! "CARBON DIOXIDE" "CO.SUB.2"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:23
L17	4646500	WATER STEAM H2O "H.SUB.20"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:24
L18	1559992	H2! "H.SUB.2" HYDROGEN	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:24
L19	12994	15 SAME 16 SAME 17 SAME 18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:25

## EAST Search History

L20	10392	SOFC "SOLID OXIDE"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:25
L21	12162	19 NOT L20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:25
L22	832	19 NOT 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:25
L23	3486	(DIRECT\$4 INTERNAL\$4) NEAR2 REFORM\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:25
L24	160	22 AND L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:25
L25	8	("5071719").URPN.	USPAT	OR	ON	2007/08/22 15:34
L26	4	TRI-REFORM\$4 TRIREFORM\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:38
L27	1148280	O2! "O.SUB.2" OXYGEN	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:38
L28	5824	19 SAME 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:38
L29	5245	28 NOT 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:38
L30	579	28 NOT 29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:38

## EAST Search History

L31	497	30 NOT 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:38
L32	82	30 NOT 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:41
L33	19732	SYNGAS "SYN GAS" "SYNTHESIS GAS"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:41
L34	19732	SYNGAS "SYN GAS" "SYNTHESIS GASES"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:41
L35	19732	33 34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 15:41
L36	53	35 AND 32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:21
L37	3059	AUTOTHERMAL\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:21
L38	231	37 SAME 28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:21
L39	4387	"39" AND 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:21
L40	200	38 AND 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:23

## EAST Search History

L41	177	40 not 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:23
L42	23	40 not 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:39
L43	2	"5500307".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:45
L44	3220	biogas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:45
L45	52	44 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:45
L46	22	45 and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 16:58
L47	35269	(methane "ch.sub.4" ch4! "natural gas") same ("co.sub.2" "carbon dioxide")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:06
L48	34134	47 not 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:06
L49	1135	47 not 48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:06
L50	917	49 not 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:06

## EAST Search History

L51	218	49 not 50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:06
L52	1	2002-698694.NRAN.	DERWENT	OR	ON	2007/08/22 17:07
L53	1	2005-382171.NRAN.	DERWENT	OR	ON	2007/08/22 17:08
L54	18	("4826599"   "5183482"   "5229102").PN. OR ("6090312").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 17:20
L55	165	direct adj (naptha methane "natural gas")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:21
L56	137	55 not (sofc "fuel cell")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:21
L57	28	55 not 56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:33
L58	11	("4026823" "4240934" "4297205" "5068057").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:37
L59	553292	steam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 17:37
L60	24	(US-20050233197-\$ or US-20020098401-\$ or US-20060124445-\$).did. or (US-6004696-\$ or US-5217822-\$ or US-5395704-\$ or US-5656387-\$ or US-6270642-\$ or US-6479178-\$ or US-5034287-\$ or US-6841279-\$ or US-5500307-\$ or US-5688609-\$ or US-6051173-\$ or US-6117302-\$ or US-6180277-\$ or US-5474800-\$ or US-6379417-\$ or US-5993511-\$ or US-5261944-\$ or US-6214485-\$ or US-5071719-\$ or US-5733675-\$).did. or (JP-06342663-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2007/08/22 17:37
S1	250	ni-ysz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 09:37

## EAST Search History

S2	178	S1 near7 (anode electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 09:42
S3	2	"5656387".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 09:42
S4	2	S3 and.ysz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 09:42
S5	2	08/408953	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 09:49
S6	2	"20040179989"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 10:31
S7	129	429/10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 10:31
S8	135	429/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 10:31
S9	217	S8 S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 10:32
S10	154	S9 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 10:32
S11	63	S9 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 10:32

## EAST Search History

S12	63	S11 not vinegar-\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 10:32
S13	43	("3322574"   "3409471"   "3493436"   "3525643"   "3540934"   "3773559"   "3811952"   "4042754"   "4105829"   "4192910"   "4220690"   "4311771"   "4321312"   "4370392"   "4469759"   "4469760"   "4485154"   "4492741"   "4514473"   "4783381"   "4814241").PN. OR ("5869200").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 10:34
S14	25	("3493436"   "3847670"   "3972731"   "5175061").PN. OR ("6106963").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 10:36
S15	172	cantelmo-g\$.xp.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 10:36
S16	71	S15 and 429/12-46.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 12:47
S17	1	S3 and lsm	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 11:21
S18	14	("5656387").URPN.	USPAT	OR	ON	2007/08/22 11:21
S19	1	2006-080570.NRAN.	DERWENT	OR	ON	2007/08/22 11:22
S20	5	("4812329"   "4894297"   "5106706"   "5217822"   "5234722").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 11:32
S21	1	"20020098401"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 11:49
S22	3486	(DIRECT\$4 INTERNAL\$4) NEAR2 REFORM\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 11:56
S23	10392	SOFC "SOLID OXIDE"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 11:59
S24	324	S23 same S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 11:59

## EAST Search History

S25	596	(direct internal) near2 ("ch.sub.4" methane)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/22 12:00
S26	1	2005-382171.NRAN.	DERWENT	OR	ON	2007/08/22 12:01
S27	19	("4567117"   "4591538"   "4640873"   "4857420").PN. OR ("5034287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 12:04
S28	5	("3488226"   "5034287"   "5198310"   "5302470").PN. OR ("6841279").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 12:05
S29	6	S16 and division\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 12:48
S30	14	S15 and division\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 12:50
S31	77	429/12.ccls. and division\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/22 12:50